From:	Jill Martin <jmartin@trumpnational.com>
Sent time:	07/25/2018 10:20:28 AM
To:	dgakenheimer@gmail.com
Cc:	So Kim
Subject:	Trump National - Landscape Plans for community review
Attachments:	Lot D Plans 7.23.18.pdf

Dear David,

I hope this email finds you well. Pursuant to the conditions of approval for the Trump National Development, we are providing our proposed landscaping plan for Lot "D" (the lot adjacent to the Portuguese Bend Club) to you as a representative of the homeowner's association. We have designed this plan in compliance with the plant list required by the California Coastal Commission, have been mindful of protecting views and maintaining a visually appealing area of land next to your community, and have tried to preserve the existing landscaping along the lot lines. We hope that this plan is satisfactory to the homeowners, but if the community has any concerns we are happy to discuss them. Once you have had a chance to review, please do not hesitate to reach out to me as I would be happy to discuss the plan with you.

Best regards,

Jill A. Martin
Vice President & Asst. Gen. Counsel
The Trump Organization
c/o Trump National Golf Club Los Angeles
One Trump National Dr.
Rancho Palos Verdes, CA 90275
Tel: 310-303-3225
Fax: 323-282-3629

TRUMP NATIONAL GOLF CLUB

LOT 'D' PRESERVATION AREA

R A N C H O P A L O S V E R D E S

WATER CONSERVATION STATEMENT

The Landscape and irrigation system for Trump National Golf Course 1 Acre Preservation Area has been designed with significant emphasis on water conservation. Plant species have been selected to adhere to a low water/drought tolerant palette consistent with a native plant community. The irrigation system is fully automatic and connected to an existing mainline and controller. Planting areas are designed to minimize overwatering, or other similar conditions where water flows onto adjacent areas not part of the irrigated area, such as adjacent property, walks, roadways, or structures. The irrigation system has been divided into hydrozones, so that plants with similar water requirements have been valved together.

AUDIT SCHEDULE

An Irrigation Audit for this project shall occur every five years.
Audit to be performed by State of California Certified Water Auditor
To be hired by the property owner.

PROJECT SITE:
Trump National Golf Course
Rancho Palos Verdes, California

PROJECT LOCATION:
Rancho Palos Verdes
County of Orange,California

LANDSCAPE ARCHITECT/IRRIGATION DESIGNER:
Stephen Wood
Landscape Architect, RLA 6244
4120 Rose Ave.
Long Beach, Ca 90807
(310)387-6729

WATER USE CALCULATIONS

HYDROZONE AREA A

HYDROZONE	HA	IRRIGATION VALVES	PLANT TYPE	PLANT FACTOR
HYDROZONE 1	5,422 SQ. FT.	A-3, A-7	SHRUBS	0.3
HYDROZONE 2	30,952 SQ. FT.	A-1, A-2, A-4-6, A-8	SHRUBS	0.2

TOTAL LANDSCAPE AREA: 30,952 SQ. FT.

MAXIMUM APPLIED WATER ALLOWANCE (MAWA)

MAWA = (ETo)(0.8)(LA) (0.62)

MAWA = MAXIMUM APPLIED WATER ALLOWANCE (GALLON PER YEAR)
ETo = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)
0.8 = ET ADJUSTMENT FACTOR
LA = LANDSCAPE AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR (TO GALLONS PER SQUARE FEET)

MAWA = (46.30)(0.8)(30,952)(0.62)

MAWA = 710,807 GALLONS/ YEAR

ESTIMATED TOTAL WATER USE (ETWU)

ETWU (HYDROZONE) = [(ETo)(PF)(HA)(0.62)]/IE

ETWU = ESTIMATED TOTAL WATER USE (GALLONS PER YEAR)
ETo = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)
PF = PLANT FACTOR
HA = HYDROZONE AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR
IE = IRRIGATION EFFICIENCY

RANCHO PALOS VERDES ETo = 46.30
LANDSCAPE AREA = 30,952 SQ. FT.

HYDROZONE 1
ETWU = [(46.30)(0.3)(5,422)(0.62)]/0.85

ETWU = 54,933 GALLONS PER YEAR

HYDROZONE 2
ETWU = [(46.30)(0.2)(25,530)(0.62)]/0.85

ETWU = 172,439 GALLONS PER YEAR

ESTIMATED TOTAL WATER USE = 227,372 GALLONS/YEAR

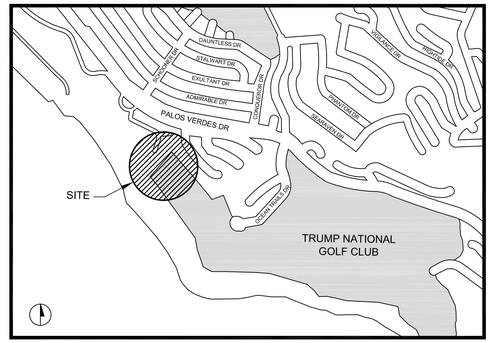
PLANTING LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE
	CLEOME ISOMERIS	BLADDERPOD	1 GAL @ 48" O.C	VERY LOW
	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL @ 10' O.C.	VERY LOW
	ERIOGONUM CINEREUM	ASH BUCKWHEAT	1 GAL @ 36" O.C.	VERY LOW
	KECKIELLA CORDIFOLIA	CLIMBING BUSH PENSTEMON	1 GAL @ 36" O.C.	VERY LOW
	LUPINUS LONGIFLORUS	BUSH LUPINE	1 GAL @ 36" O.C.	VERY LOW
	MIMULUS LONGIFLORUS	MONKEY FLOWER	1 GAL @ 48" O.C.	VERY LOW
	SISYRINCHIUM BELLUM	BLUE EYED GRASS	1 GAL @ 48" O.C.	LOW

SHEET INDEX

L0.00 COVER SHEET
L1.00 PLANTING PLAN
L1.01 PLANTING PLAN
L1.02 PLANTING DETAILS
L2.00 IRRIGATION PLAN
L2.01 IRRIGATION PLAN
L2.02 IRRIGATION DETAILS

KEY MAP



NOT TO SCALE

DATE: 7/20/18
DESIGNED BY:
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1"NO SCALE0"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — RENEWAL DATE 05-05-19 — PENDING DATE 07-20-18 — DATE — STATE OF CALIFORNIA

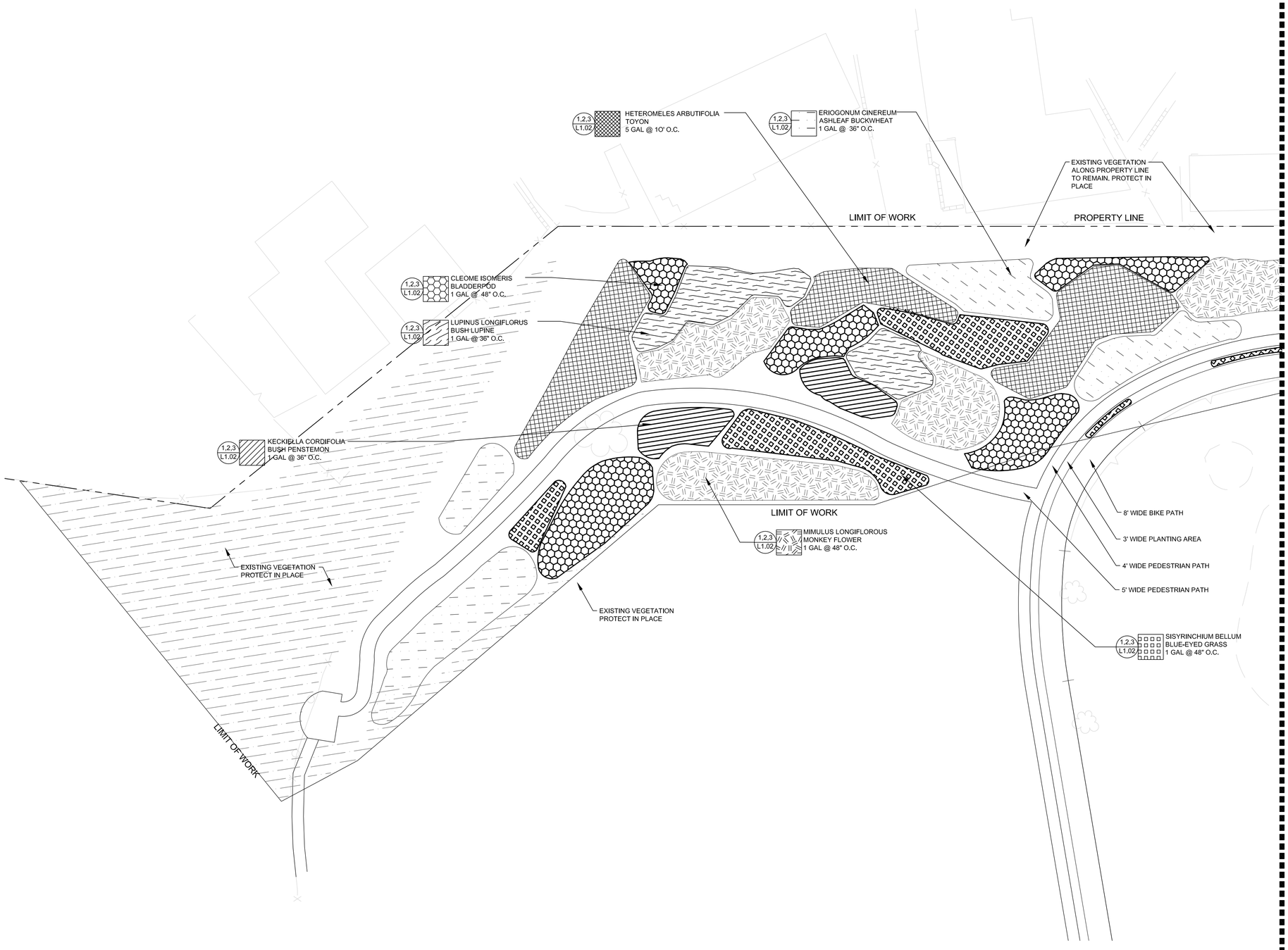
STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

REVISIONS

NO.	BY	DATE	REMARKS
1		7/23/18	CITY SUBMITTAL

TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA
COVER SHEET

DRAWING L0.00
SHEET 1
OF 7



DETAIL REFERENCE — 1 / L3.8 — PAGE NUMBER

HEMEROCALLIS HYBRID — *PLANT BOTANICAL NAME*
DAYLILY
5 GAL. AT 24" O.C. — *SIZE & SPACING*
20 REQUIRED THIS SHEET — *QUANTITY PER SHEET*

PLANTING NOTES

1. PLANT MATERIAL SYMBOLS SHOWN ON THESE PLANS ARE TYPICAL THROUGHOUT DRAWING SET. EACH SHEET CONTAINS A PLANT CALLOUT TO THE SPECIFIC PLANT SYMBOL.
2. QUANTITIES GIVEN FOR PLANT MATERIALS SPECIFIED FOR "ON CENTER" SPACING ARE SHOWN FOR CONVENIENCE ONLY AND ARE SUBORDINATE TO THE SPACING GIVEN. CHECK AND SUPPLY SUFFICIENT NUMBER OF PLANTS TO FULFILL SPACING REQUIREMENTS.
3. ALL PLANT MATERIAL TO BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS. SEE SHEETS L4.02.
4. IN SOME CASES, PLANTING SYMBOLS MAY BE SHOWN IN AREAS WHERE ABOVE GRADE UTILITIES INTERFERE OR ALTER THE DESIRED SPACING AND/OR PATTERN. CONTRACTOR TO REVIEW AREAS WITH LANDSCAPE ARCHITECT PRIOR TO PLANTING MATERIAL.
5. LANDSCAPE ARCHITECT SHALL REVIEW ARRANGEMENT AND LAYOUT OF MATERIAL IN FIELD PRIOR TO PLANTING.
6. TOPDRESS ALL AREA WITHIN THE LIMIT OF WORKLINE (EXCLUDING PATH) WITH A 3" LAYER OF $\frac{1}{2}$" - 2" MATURE, COMPOSTED MULCH. SUBMIT SAMPLES FOR REVIEW AND APPROVAL.

0 10 20 40 80
SCALE: 1" = 20'-0"

DATE: 7/20/18
DESIGNED BY:
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1" = 20' -0"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — RENEWAL DATE 07-20-18 — STATE OF CALIFORNIA

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LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

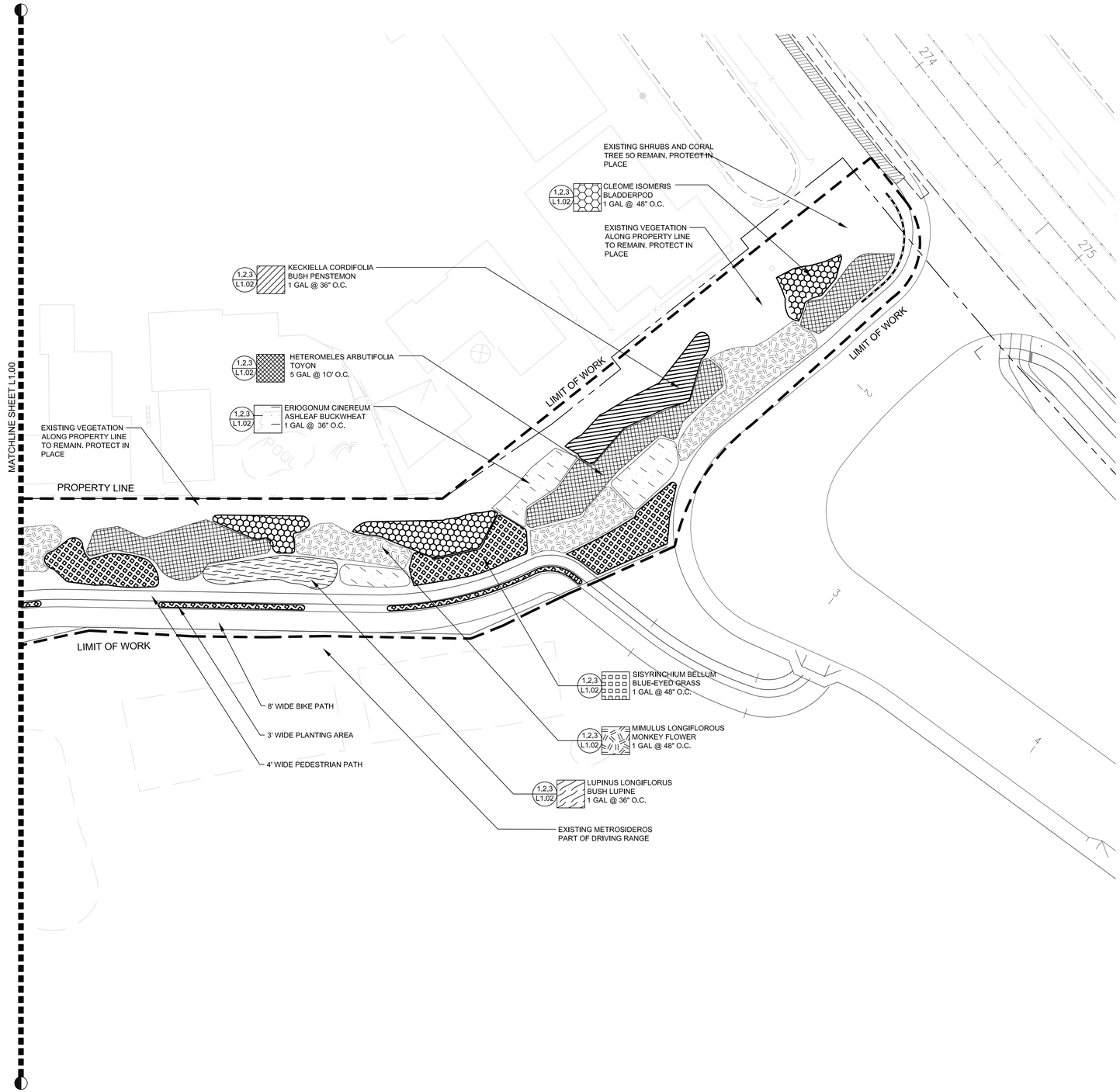
REVISIONS

NO.	BY	DATE	REMARKS
1		7/23/18	CITY SUBMITTAL

TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

PLANTING PLAN

DRAWING L1.00
SHEET 2
OF 7


MATCHLINE SHEET L1.00
PROPERTY LINE
LIMIT OF WORK
LIMIT OF WORK
EXISTING VEGETATION ALONG PROPERTY LINE TO REMAIN, PROTECT IN PLACE
EXISTING SHRUBS AND CORAL TREE 5O REMAIN, PROTECT IN PLACE
EXISTING VEGETATION ALONG PROPERTY LINE TO REMAIN, PROTECT IN PLACE
1,2,3 L1.02 CLEOME ISOMERIS BLADDERPOD 1 GAL @ 48" O.C.
1,2,3 L1.02 KECKIELLA CORDIFOLIA BUSH PENSTEMON 1 GAL @ 36" O.C.
1,2,3 L1.02 HETEROMELES ARBUTIFOLIA TOYON 5 GAL @ 10' O.C.
1,2,3 L1.02 ERIOGONUM CINEREUM ASHLEAF BUCKWHEAT 1 GAL @ 36" O.C.
1,2,3 L1.02 SISYRINCHIUM BELLUM BLUE-EYED GRASS 1 GAL @ 48" O.C.
1,2,3 L1.02 MIMULUS LONGIFLOROUS MONKEY FLOWER 1 GAL @ 48" O.C.
1,2,3 L1.02 LUPINUS LONGIFLORUS BUSH LUPINE 1 GAL @ 36" O.C.
8' WIDE BIKE PATH
3' WIDE PLANTING AREA
4' WIDE PEDESTRIAN PATH
EXISTING METROSIDEROS PART OF DRIVING RANGE
Pool
274
275

DETAIL REFERENCE — 1 / L3.8 — PAGE NUMBER

HEMEROCALLIS HYBRID — PLANT BOTANICAL NAME
DAYLILY
5 GAL. AT 24" O.C. — SIZE & SPACING
20 REQUIRED THIS SHEET — QUANTITY PER SHEET

PLANTING NOTES

1. PLANT MATERIAL SYMBOLS SHOWN ON THESE PLANS ARE TYPICAL THROUGHOUT DRAWING SET. EACH SHEET CONTAINS A PLANT CALLOUT TO THE SPECIFIC PLANT SYMBOL.
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3. ALL PLANT MATERIAL TO BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS. SEE SHEETS L4.02.
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5. LANDSCAPE ARCHITECT SHALL REVIEW ARRANGEMENT AND LAYOUT OF MATERIAL IN FIELD PRIOR TO PLANTING.
6. TOPDRESS ALL AREA WITHIN THE LIMIT OF WORKLINE (EXCLUDING PATH) WITH A 3" LAYER OF $\frac{1}{2}$" - 2" MULCH. SUBMIT SAMPLES FOR REVIEW AND APPROVAL.

0 10 20 40 80
SCALE: 1" = 20'-0"

DATE: 7/20/18
DESIGNED BY:
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1" = 20'-0"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — SIGNATURE — RENEWAL DATE 05-05-19 — DATE 07-20-18 — STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

REVISIONS

NO.	BY	DATE	REMARKS
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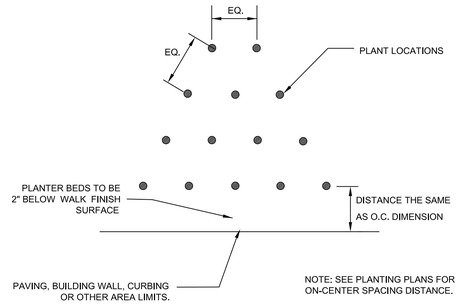
TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

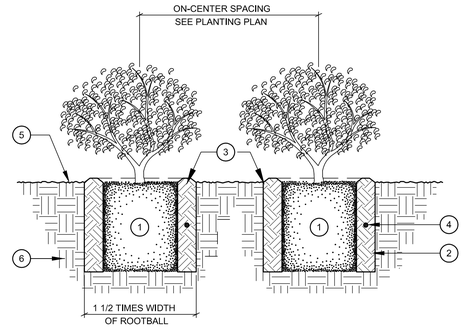
PLANTING PLAN

DRAWING L1.01
SHEET 3
OF 7


EQ.
EQ.
PLANT LOCATIONS
PLANTER BEDS TO BE 2" BELOW WALK FINISH SURFACE
DISTANCE THE SAME AS O.C. DIMENSION
PAVING, BUILDING WALL, CURBING OR OTHER AREA LIMITS.
NOTE: SEE PLANTING PLANS FOR ON-CENTER SPACING DISTANCE.

GROUNDCOVER SPACING DETAIL

SCALE: NO SCALE | 3

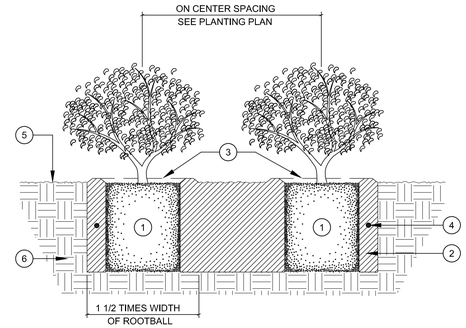


1. ROOTBALL
2. BACKFILL MIX: 2/3 SITE SOIL 1/3 ORGANIC AMENDMENTS SEE SPECIFICATIONS
3. WATERING BASIN
4. PLANT FERTILIZER TABLETS SEE SPECIFICATIONS
5. FINISH GRADE
6. SITE SOIL

NOTE: KEEP TOP OF ROOTBALL AND TOP OF FINISH GRADE AT SAME LEVEL.

SHRUB PLANTING DETAIL

SCALE: 1" = 1'-0" | 1



1. ROOTBALL
2. BACKFILL MIX (CONTINUOUS BETWEEN ROOTBALLS) 2/3 SITE SOIL 1/3 ORGANIC AMENDMENT
3. WATERING BASIN
4. PLANT FERTILIZER TABLETS SEE SPECIFICATIONS
5. FINISH GRADE
6. SITE SOIL

NOTE: KEEP TOP OF ROOTBALL AT FINISH GRADE OR 1/2" ABOVE.

SHRUB MASS PLANTING DETAIL

SCALE: 1" = 1'-0" | 2

DATE: 7/20/18
DESIGNED BY:
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1"AS SHOWN"

LICENSED LANDSCAPE ARCHITECT
STEPHEN WOOD
Lic. No. 6244
SIGNATURE
05-05-19
RENEWAL DATE
07-20-18
DATE
STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

REVISIONS

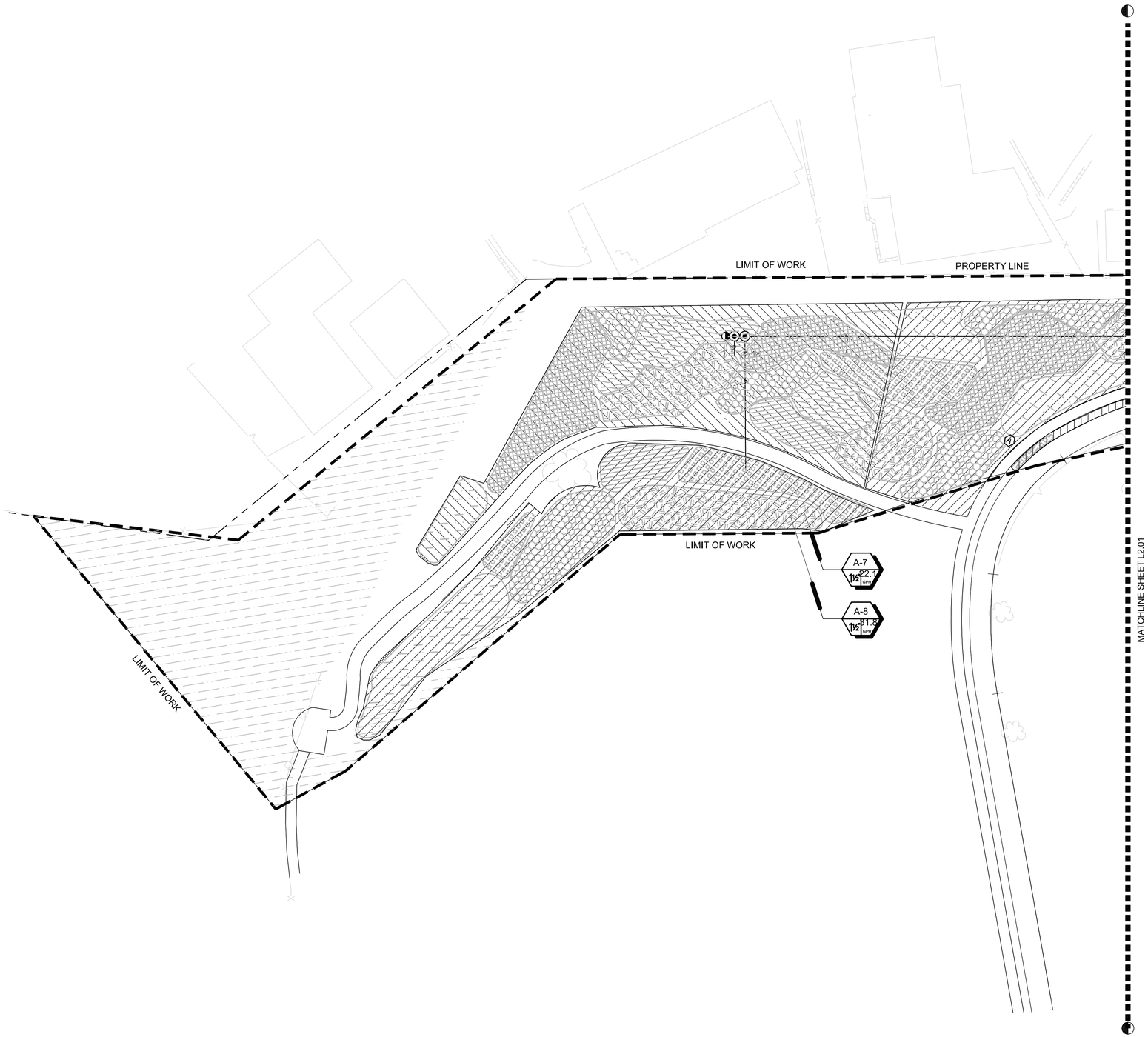
NO.	BY	DATE	REMARKS
1		7/23/18	CITY SUBMITTAL

TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

PLANTING DETAILS

DRAWING L1.02

SHEET 4 OF 7



IRRIGATION NOTES

1. INSTALL ALL PRESSURE AND NON-PRESSURE LINES AND ANY EQUIPMENT INSIDE PLANTING AREAS WHEREVER POSSIBLE. (ITEMS SHOWN OUTSIDE SUCH AREAS FOR PURPOSE OF CLARITY ONLY.)
2. ALL EQUIPMENT SHALL BE SELECTED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS. SEE SHEET NO. L2.02
3. FOR SYMBOL DESIGNATIONS, SEE LEGEND ON SHEET NO. L2.01
4. ALL PIPE UNDER PAVED AREAS TO BE INSTALLED IN A SCH. 40 SLEEVE TWICE THE DIAMETER OF THE PIPE CARRIED. ALL WIRE UNDER PAVED AREAS TO BE INSTALLED IN SCH. 40 SLEEVE THE SIZE REQUIRED TO EASILY PULL WIRE THROUGH. ALL SLEEVES TO BE INSTALLED WITH A MINIMUM DEPTH AS SHOWN ON THE SLEEVING DETAIL. SLEEVES TO EXTEND AT LEAST 12" PAST THE EDGE OF PAVING.
5. ALL SPRAY HEADS ARE TO BE INSTALLED WITH THE NOZZLE, SCREEN AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDING, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT IS NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF PRESSURE COMPENSATING SCREENS, REPLACEMENT OF NOZZLES WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS.
6. AREAS THAT NEED TO BE DEFINED IN ORDER TO DETERMINE EXACT LOCATION OF SPRINKLER HEADS ARE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO SEE THAT THEY ARE DEFINED PRIOR TO INSTALLATION.
7. AS-BUILT DRAWINGS AND SPECIFICATIONS SHALL BE MAINTAINED ON SITE AT ALL TIMES. AS-BUILT DRAWINGS SHALL BE UPDATED IMMEDIATELY AS REQUIRED. NO SITE REVIEWS ARE TO BE CONDUCTED WITHOUT THESE DRAWINGS.
8. AREAS RECEIVING AN IRRIGATION SYSTEM SHALL BE REVIEWED AND VERIFIED BY THE INSTALLING CONTRACTOR FOR ACCURACY OF SIZE AND CONFIGURATION. IF DISCREPANCIES ARE FOUND THAT WOULD PROVE DETRIMENTAL TO FINAL COVERAGE, THIS SHALL BE BROUGHT TO THE OWNER'S ATTENTION BEFORE INSTALLATION. BY FAILING TO DO SO, THE CONTRACTOR MAY BE RESPONSIBLE FOR ANY ADJUSTMENTS REQUIRED.
9. IRRIGATION CONTRACTOR TO REVIEW PROJECT LIMIT OF WORK PRIOR TO START OF CONSTRUCTION. IN THE EVENT THAT ANY OVERLAP OCCURS, IE. EQUIPMENT FROM AN EXISTING IRRIGATION SYSTEM DESIGNATED TO REMAIN CROSSES OVER INTO AN AREA OF NEW IRRIGATION; CONTRACTOR IS RESPONSIBLE FOR CUTTING AND CAPPING EXISTING SYSTEM AS REQUIRED. FURTHERMORE, CONTRACTOR MAY BE RESPONSIBLE FOR RELOCATING OR REPAIRING ANY EQUIPMENT THAT WOULD BE DISPLACED BY THE NEW CONSTRUCTION THAT IS REQUIRED TO KEEP EXISTING IRRIGATION OUTSIDE THE LIMIT OF WORK IN OPERATION.

PIPE SIZING NOTES

1. REFER TO IRRIGATION HEAD LEGEND ON SHEET L2.01 FOR GPM OF HEADS.
2. CONTRACTOR TO DETERMINE PIPE SIZING WHERE SYMBOLS ARE NOT SHOWN. SEE ADJACENT SIZING CHART
3. ALL LATERAL LINE PIPE DOWNSTREAM OF A 3/4" SIZED PIPE IS ALSO 3/4".
4. ALL UNSIZED RUNS OF LATERAL LINE PIPE SERVING THREE OR FEWER SPRAY HEADS SHALL BE SIZED 3/4".

SIZING CHART

PVC	SYMBOL	GPM
3/4 "	¾"	0-8
1"	1"	8-13
1 1/4 "	1¼"	13-23
1 1/2 "	1½"	23-32
2"	2"	32-53
2 1/2 "	2½"	53-74
3"	3"	74-116

0 10 20 40 80

SCALE: 1" = 20'-0"

DATE: 7/20/18

DESIGNED BY: ____

DRAWN BY: SW

CHECKED BY: SW

SCALE: 1" = 20'-0"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — SIGNATURE — 05-05-19 RENEWAL DATE — 07-20-18 DATE — STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

REVISIONS

NO.	BY	DATE	REMARKS
1		7/23/18	CITY SUBMITTAL

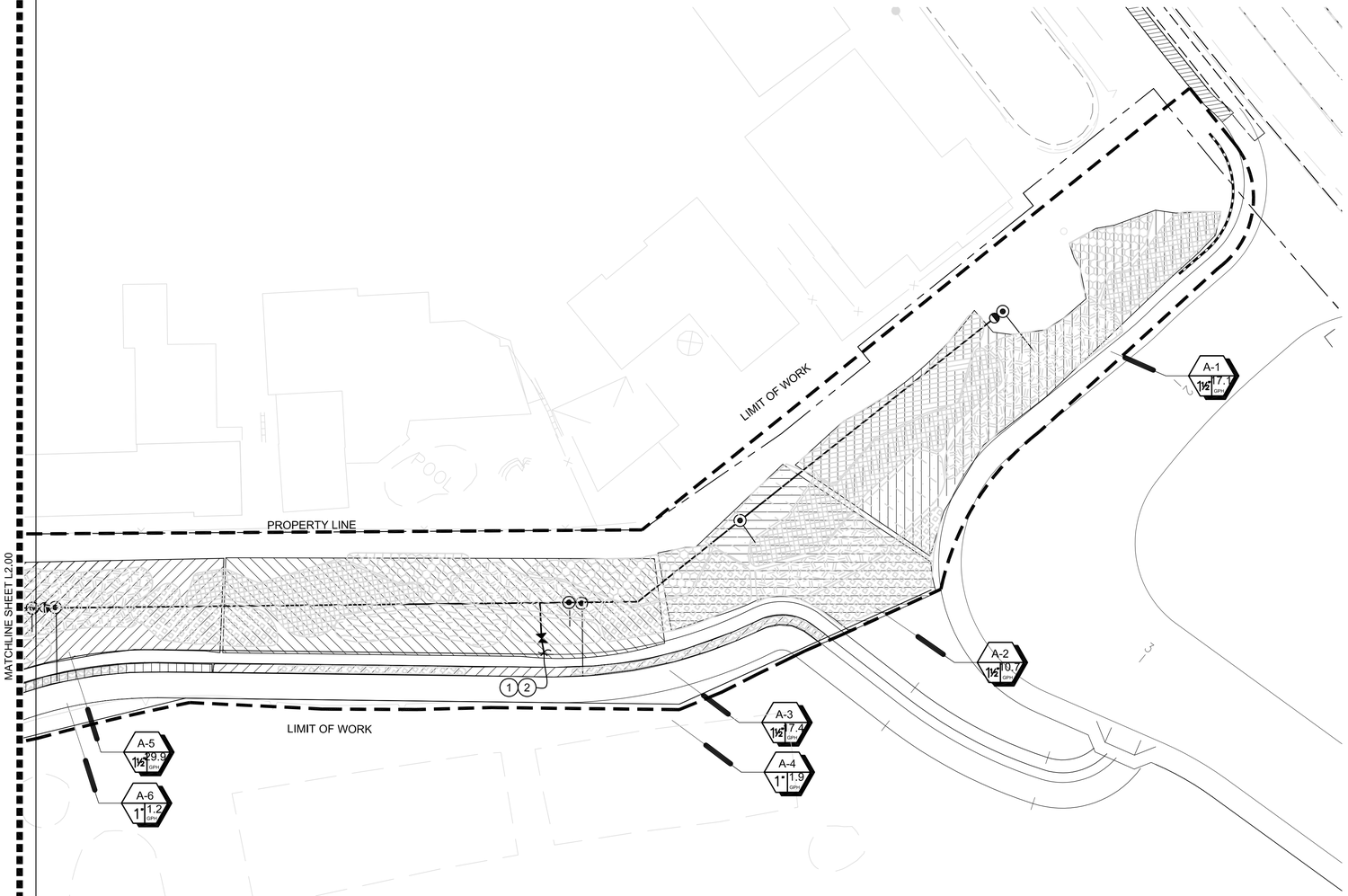
TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

IRRIGATION PLAN

DRAWING L2.00

SHEET 5 OF 7

L:\Lot D Plans 7.23.18.pdf



IRRIGATION NOTES

1. INSTALL ALL PRESSURE AND NON-PRESSURE LINES AND ANY EQUIPMENT INSIDE PLANTING AREAS WHEREVER POSSIBLE. (ITEMS SHOWN OUTSIDE SUCH AREAS FOR PURPOSE OF CLARITY ONLY.)
2. ALL EQUIPMENT SHALL BE SELECTED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND CONSTRUCTION DETAILS. SEE SHEET NO. L2.02
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7. AS-BUILT DRAWINGS AND SPECIFICATIONS SHALL BE MAINTAINED ON SITE AT ALL TIMES. AS-BUILT DRAWINGS SHALL BE UPDATED IMMEDIATELY AS REQUIRED. NO SITE REVIEWS ARE TO BE CONDUCTED WITHOUT THESE DRAWINGS.
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9. IRRIGATION CONTRACTOR TO REVIEW PROJECT LIMIT OF WORK PRIOR TO START OF CONSTRUCTION. IN THE EVENT THAT ANY OVERLAP OCCURS, IE. EQUIPMENT FROM AN EXISTING IRRIGATION SYSTEM DESIGNATED TO REMAIN CROSSES OVER INTO AN AREA OF NEW IRRIGATION; CONTRACTOR IS RESPONSIBLE FOR CUTTING AND CAPPING EXISTING SYSTEM AS REQUIRED. FURTHERMORE, CONTRACTOR MAY BE RESPONSIBLE FOR RELOCATING OR REPAIRING ANY EQUIPMENT THAT WOULD BE DISPLACED BY THE NEW CONSTRUCTION THAT IS REQUIRED TO KEEP EXISTING IRRIGATION OUTSIDE THE LIMIT OF WORK IN OPERATION.

GENERAL LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER & PART NUMBER	REFERENCE
———	PRESSURE SUPPLY LINES & SIZE (1 1/2" AND SMALLER)	SCHEDULE 40 P.V.C.	SPECIFICATIONS
——— 2"	PRESSURE SUPPLY LINES & SIZE (2" AND LARGER)	CLASS 315 P.V.C.	SPECIFICATIONS
	NON-PRESSURE LATERAL LINE & SIZE	SCHEDULE 40 P.V.C.	SPECIFICATIONS
- - - - -	SLEEVE & SIZE (2" AND LARGER)	CLASS 200 P.V.C.	DET. 2, SHT. L2.02
A1 1" 32 GPM	CONTROLLER SEQUENCE GALLONS PER MINUTE (GPM) REMOTE CONTROL VALVE SIZE		
	REMOTE CONTROL VALVE (1" , 1 ½" & 2")	RAINBIRD PEB SERIES DRIP ASSEMBLY VALVE	DET. 1, SHT. L2.02
	QUICK COUPLING VALVE	RAINBIRD 33 DRC	DET. 6, SHT. L2.02
	BALL VALVES/GATE VALVES (LINE SIZE)	HAMMOND 8901 BRASS SERIES	DET. 5, SHT. L2.02

DRIP EMITTER LEGEND

DESCRIPTION	PSI	GPH	MFG.	BODY	REMARKS	DETAIL

CONSTRUCTION NOTES

1. POINT OF CONNECTION TO EXISTING IRRIGATION METER OR MAINLINE. VERIFY LOCATION IN FIELD. CONTRACTOR TO LOCATE WITHIN ADJACENT PLANTED AREAS WHERE POSSIBLE.
2. CONNECT NEW VALVES TO NEW SOLAR CONTROLLER.
2. CONTRACTOR TO LAYOUT ALL PLANT MATERIAL IN THE AREAS SHOWN AND AT THE SPACING SHOWN. THEN LAYOUT THE IRRIGATION ZONES, PVC LATERALS AND DRIP EMITTERS IN THE AREAS SHOWN.

PIPE SIZING NOTES

1. REFER TO IRRIGATION HEAD LEGEND ON SHEET L2.01 FOR GPM OF HEADS.
2. CONTRACTOR TO DETERMINE PIPE SIZING WHERE SYMBOLS ARE NOT SHOWN. SEE ADJACENT SIZING CHART
3. ALL LATERAL LINE PIPE DOWNSTREAM OF A 3/4" SIZED PIPE IS ALSO 3/4".
4. ALL UNSIZED RUNS OF LATERAL LINE PIPE SERVING THREE OR FEWER SPRAY HEADS SHALL BE SIZED 3/4".

SIZING CHART

PVC	SYMBOL	GPM
3/4 "	———	0-8
1"	——— 1"	8-13
1 1/4 "	———	13-23
1 1/2 "	———	23-32
2"	——— 2"	32-53
2 1/2 "	———	53-74
3"	——— 3"	74-116

0 10 20 40 80
SCALE: 1" = 20'-0"

DATE: 7/20/18
DESIGNED BY:
DRAWN BY: SW
CHECKED BY: SW
SCALE: 1" = 20'-0"

LICENSED LANDSCAPE ARCHITECT — STEPHEN WOOD — Lic. No. 6244 — SIGNATURE — 05-05-19 RENEWAL DATE — 07-20-18 DATE — STATE OF CALIFORNIA

STEPHEN WOOD
LANDSCAPE ARCHITECT
4120 ROSE AVE.
LONG BEACH, CA 90807
RLA 6244

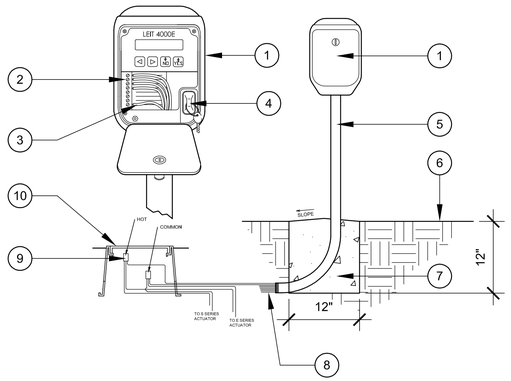
REVISIONS

NO.	BY	DATE	REMARKS
1		7/23/18	CITY SUBMITTAL

TRUMP NATIONAL GOLF CLUB
LOT 'D' PRESERVATION AREA

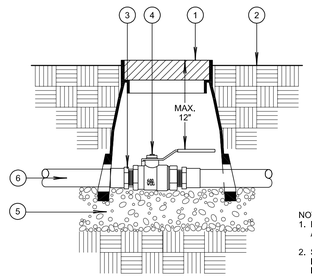
IRRIGATION PLAN

DRAWING L2.01
SHEET 6
OF 7



1. AMBIENT LIGHT POWERED CONTROLLER
2. TERMINAL STRIP
3. 12 OR 14 GUAGE WIRE
4. PROGRAMMING KEY
5. 35" STEEL MOUNTING COLUMN
6. FINISH GRADE
7. POURED CONCRETE BASE/FOOTING 1-1/2 CU.FT.
8. DIRECT BURIAL CONTROL WIRES TO SPLICE BOX
9. (2) DRY SPLICE CONNECTORS.
10. IRRIGATION JUNCTION BOX

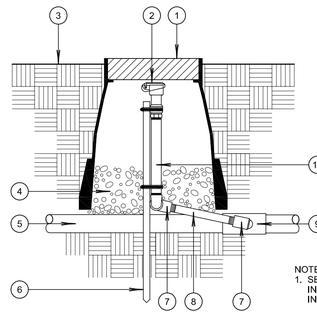
LEIT SOLOR CONTROLLER — SCALE NTS — 7



1. ROUND PLASTIC BOX & COVER W/ LOCK TOP MARKED: B.V.
2. FINISH GRADE
3. PVC MALE ADAPTOR
4. BALL VALVE
5. 3/4" PEA GRAVEL (MIN. 6" DEPTH)
6. PVC SUPPLY LINE

NOTES:
1. BALL VALVE SHALL BE INSTALLED IN SHRUB AREAS UNLESS OTHERWISE APPROVED.
2. SET VALVE BOX FLUSH WITH FINISH GRADE IN TURF AREAS. SET 2" ABOVE FINISH GRADE IN GROUNDCOVER AREAS.

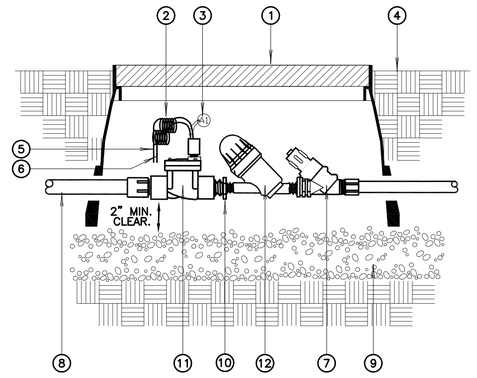
BALL VALVE ASSEMBLY — SCALE NTS — 5



1. ROUND PLASTIC BOX & COVER W/ LOCK TOP MARKED: Q.C.
2. QUICK COUPLER VALVE LOCATE TOP OF VALVE 2" BELOW TOP OF BOX COVER
3. FINISH GRADE
4. 3/4" PEA GRAVEL (MIN. 6" DEPTH)
5. PVC SUPPLY LINE
6. 24" MIN. LENGTH NO. 4 REBAR ATTACH W/ 2 STAINLESS STEEL BANDS.
7. BRASS STREET ELL
8. BRASS NIPPLE (6" MIN.)
9. PVC SCH. 40 TEE OR ELL
10. BRASS NIPPLE. LENGTH AS REQUIRED.

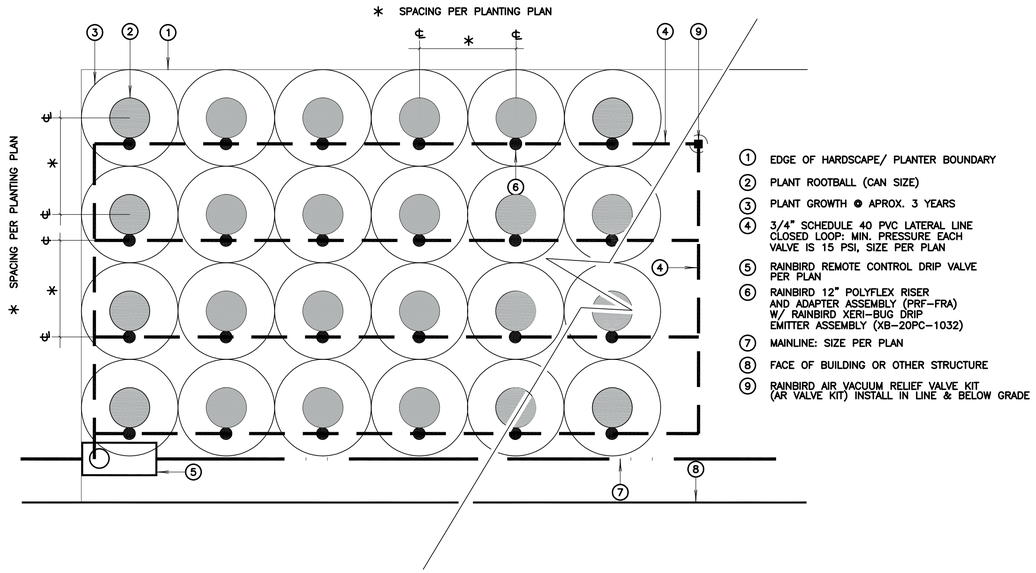
NOTES:
1. SET VALVE BOX FLUSH WITH FINISH GRADE IN TURF AREAS. SET 2" ABOVE FINISH GRADE IN GROUNDCOVER AREAS.

QUICK COUPLER VALVE — SCALE NTS — 3



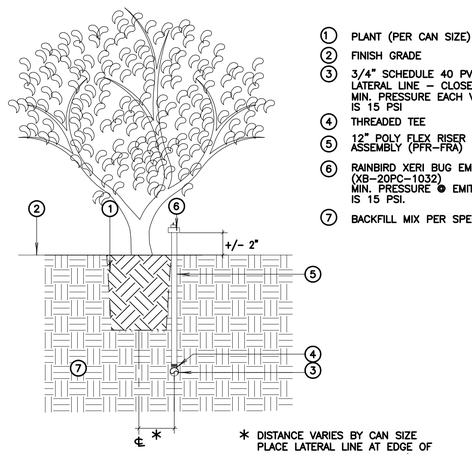
1. 12" X 18" PLASTIC BOX & COVER W/ LOCK TOP MARKED: R.C.V. BOX TO BE PLACED AT RIGHT ANGLE TO HARDSCAPE EDGE.
2. CURL TYPE EXPANSION LOOP (MIN. 24")
3. CHRISTY'S ID. TAG (STND.) SECURE TO SOLENOID WIRES. SEE SPECS.
4. FINISH GRADE
5. COMMON WIRE
6. CONTROL WIRE
7. 3/4" PRESSURE REGULATING VALVE
8. PVC MAINLINE
9. 3/4" PEA GRAVEL (MIN. 6" DEPTH)
10. 1" X 3/4" SCH 40 RED BUSHING TxT
11. ELECTRIC REMOTE CONTROL DRIP VALVE PER LEGEND
12. 3/4" DISC FILTER

REMOTE CONTROL DRIP VALVE — SCALE NTS — 1



1. EDGE OF HARDSCAPE/ PLANTER BOUNDARY
2. PLANT ROOTBALL (CAN SIZE)
3. PLANT GROWTH @ APROX. 3 YEARS
4. 3/4" SCHEDULE 40 PVC LATERAL LINE CLOSED LOOP: MIN. PRESSURE EACH VALVE IS 15 PSI, SIZE PER PLAN
5. RAINBIRD REMOTE CONTROL DRIP VALVE PER PLAN
6. RAINBIRD 12" POLYFLEX RISER AND ADAPTER ASSEMBLY (PRF-FRA) W/ RAINBIRD XERI-BUG DRIP EMITTER ASSEMBLY (XB-20PC-1032)
7. MAINLINE: SIZE PER PLAN
8. FACE OF BUILDING OR OTHER STRUCTURE
9. RAINBIRD AIR VACUUM RELIEF VALVE KIT (AR VALVE KIT) INSTALL IN LINE & BELOW GRADE

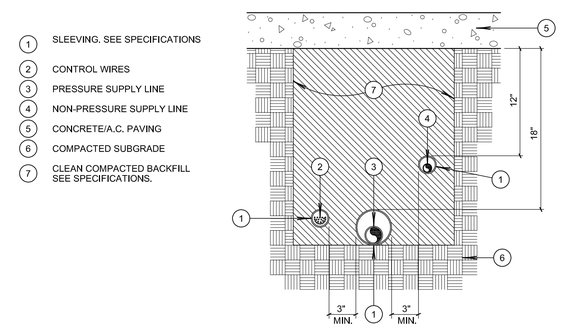
POINT SOURCE DRIP EMITTERS — SCALE NTS — 6



1. PLANT (PER CAN SIZE)
2. FINISH GRADE
3. 3/4" SCHEDULE 40 PVC LATERAL LINE - CLOSED LOOP: MIN. PRESSURE EACH VALVE IS 15 PSI
4. THREADED TEE
5. 12" POLY FLEX RISER & ADAPTER ASSEMBLY (PFR-FRA)
6. RAINBIRD XERI BUG EMITTER ASSEMBLY (XB-20PC-1032) MIN. PRESSURE @ EMITTER IS 15 PSI.
7. BACKFILL MIX PER SPECIFICATIONS

* DISTANCE VARIES BY CAN SIZE PLACE LATERAL LINE AT EDGE OF CAN LOCATION, PARALLEL W/ PLANTING LAYOUT

DRIP EMITTERS — SCALE NTS — 4



1. SLEEVING. SEE SPECIFICATIONS
2. CONTROL WIRES
3. PRESSURE SUPPLY LINE
4. NON-PRESSURE SUPPLY LINE
5. CONCRETE/A.C. PAVING
6. COMPACTED SUBGRADE
7. CLEAN COMPACTED BACKFILL SEE SPECIFICATIONS.

TRENCHING AND SLEEVING DETAIL — SCALE NTS — 2

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IRRIGATION DETAILS

DRAWING L2.02
SHEET 7
OF 7

Lot D Plans 7.23.18.pdf